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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/032,556

01/02/2002

Youngs Wong

SUND 252

5564

7590

09/02/2005

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EXAMINER

GIBBS, HEATHER D

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 09/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/032,556	Applicant(s) WONG, YOUNGS	
	Examiner Heather D. Gibbs	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

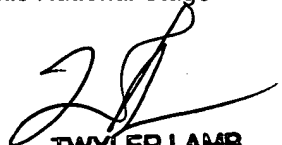
Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


TWYLER LAMB
PRIMARY EXAMINER

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 11-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Hino et al (US 6,002,906).

For claim 1, which is representative of claim 11, Hino discloses An image reading device for reading documents to be processed continuously and outputting a plurality of image information, said image reading device comprising: a continuous reading controller switch for receiving continuous instructions and outputting a control signal to control the continuous reading and outputting operations of said image reading device (Col 6 Lines 24-29); and a control unit for controlling said image reading device and receiving said control signal to implement the continuous reading and outputting operations of said image reading device (Fig 1; Col 9 Lines 1-3).

For claim 2, which is representative of claim 12, Hino teaches a time adjuster to adjust the time period between two adjacent operations of image reading (Col 9 Lines 1-3).

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Regarding claim 3, which is representative of claim 13, Hino teaches wherein said time adjuster further comprises a speedup button and a slowdown button to decrease and increase the time period respectively (Col 8 Line 66-Col 9 Line 3)

For claim 4, which is representative of claim 14, Hino teaches wherein, said time adjuster further comprises a rotator to adjust the time period (Col 9 Lines 4-15).

Considering claim 5, which is representative of claim 15, Hino discloses further comprising a detector for outputting a reading signal to said control unit to initiate the reading operation of said image reading device when no action within a predetermined period after the scanned page is turned over is detected (Col 10 Lines 28-34).

Regarding claim 6, which is representative of claim 16, Hino discloses further comprising a plane for loading the document to be processed, said detector being positioned under said plane (Fig 1).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 7, 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hino et al (US 6,002,906) in view of Sawase et al (US 5,414,533).

Hino discloses the image reading device as described above.

Hino does not disclose expressly an audio-receiver for receiving the audio signal and outputting a reading signal to said control unit to control the reading operation of said image reading device.

Sawase discloses an audio-receiver for receiving the audio signal and outputting a reading signal to said control unit to control the reading operation of said image reading device (Col 5 Lines 17-24).

Hino & Sawase are combinable because they are from the same field of endeavor.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Hino with Sawase.

The suggestion/motivation for doing so would have been control the reading operation via audio means.

Therefore, it would have been obvious to combine Sawase with Hino to obtain the invention as specified in claims 7,17.

5. Claims 8,18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hino et al (US 6,002,906) in view of Nagano et al (US 4,809,803).

Hino discloses the image reading device as discussed above.

Hino does not disclose expressly a stepping controller, wherein the user steps said stepping-controller to output a reading signal to said control unit for controlling the reading operation of said image reading device.

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Nagano discloses a stepping controller, wherein the user steps said stepping-controller to output a reading signal to said control unit for controlling the reading operation of said image reading device (Col 3 Lines 46-51).

Hino & Nagano are combinable because they are from image reading devices.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Hino with Nagano.

The suggestion/motivation for doing so would have been to control the original.

Therefore, it would have been obvious to combine Nagano with Hino to obtain the invention as specified in claims 8,18.

6. Claims 9,19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hino et al (US 6,002,906) in view of Okisu et al (US 5,159,187).

Hino discloses the image reading device as described above.

Hino does not disclose expressly an indicator for informing the user to turn over the page.

Okisu discloses an indicator for informing the user to turn over the page (Col 6 Lines 60-66).

Hino & Okisu are combinable because they are from the same field of endeavor.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Hino with Okisu.

The suggestion/motivation for doing so would have been to inform the user when to turn the page over.

Therefore, it would have been obvious to combine Okisu with Hino to obtain the invention as specified in claims above.

Claim Rejections - 35 USC § 112

7. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

8. Claims 7,17 recite the limitation "the audio signal" in Page 9 Line 4 and Page 10. Line 14. There is insufficient antecedent basis for this limitation in the claim.

9. Claims 10, 20 recite the limitation "the group" in Line 13 Page 9 and Line 2 Page

11. There is insufficient antecedent basis for this limitation in the claim.

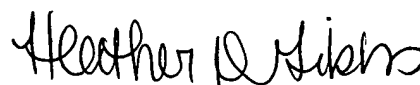
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Heather D Gibbs
Examiner
Art Unit 2622

hdg



TWYLER LAMB
PRIMARY EXAMINER
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